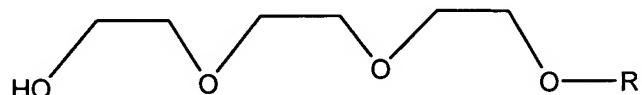


CLAIMS:

1-3 (Cancelled).

4. (Currently amended) A method of yielding dendrimer frameworks by the steps of:

reacting triethylene glycol separately with ethyl diazoacetate and benzyl chloride to separately yield an ester and benzyl ether of the formula

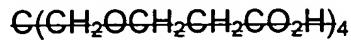


wherein R is CH₂CO₂Et or benzyl;

converting a free hydroxyl of the ester to an amine;

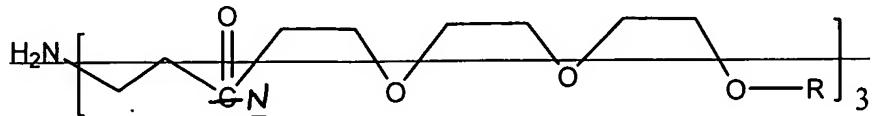
coupling the amine with a nitrotris nitrotri (acid chloride) and subsequently reducing the nitro group to form an aminotriester;

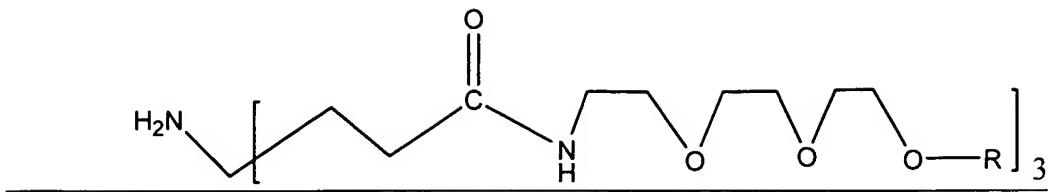
forming a dendrimer core by reacting pentaerythritol pentaerythritol with the amine acrylonitrile followed by nitrile hydrolysis



; and

performing selective ester hydrolysis of the core followed by coupling of a monomer of the formula

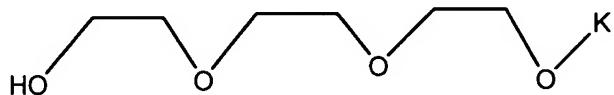




thereby yielding a first generation dendrimer of Formula 31 33.

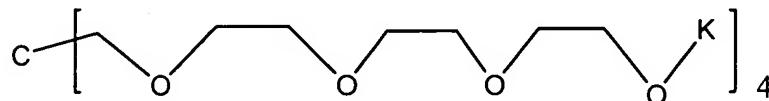
5. (Currently Amended) A method of yielding dendrimer frameworks by the steps of:

reacting triethylene glycol separately with ethyl diazoacetate and benzyl chloride to separately yield an ester and benzyl ether of the formula



wherein K is $\text{CH}_2\text{CO}_2\text{Et}$ or benzyl, followed by conversion to a the corresponding mesylate;

then reacting the mesylate with pentaerythritol to yield a core of the formula



28

; and

deprotecting an acetyl moiety of Formula 27, transforming the moiety to a corresponding mesylate and attaching to the core thereby forming a first tier polyether dendrimer.

USSN: 10/049,259
Attorney Docket No: 0152.00427

- 5 -

6-22 (Canceled).